

CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (Currently Amended) A dual charge transport layer having a top layer and a bottom layer, ~~wherein the top layer and the bottom layer comprise a charge transport compound in a resin binder and the top layer further comprises an oxidative inhibitor.~~

wherein the top layer and the bottom layer are adjacent to each other;

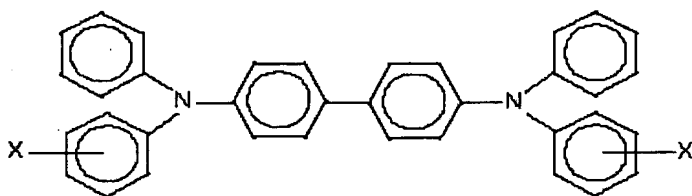
wherein the bottom layer is adjacent to a charge generation layer;

wherein the bottom layer comprises a first charge transport compound and a resin binder; and

wherein the top layer comprises a second charge transport compound, said resin binder, and an oxidative inhibitor, wherein the oxidative inhibitor is pentaerythritol tetrakis[3,5-di-tert-butyl-4-hydroxyhydrocinnamate].

2. (Currently Amended) The dual charge transport layer of claim 1, wherein the first charge transport compound and the second charge transport compound are each is an aromatic amine.

3. (Currently Amended) The dual charge transport layer of claim 2, wherein the first charge transport compound and the second charge transport compound are the same is an aromatic amine with the following formula:



wherein X is a linear or branched alkyl with one to twelve carbon atoms.

4. (Currently Amended) The dual charge transport layer of claim 3, wherein X is a methyl in the meta or para position.

5. (Cancelled).

6. (Cancelled).

7. (Currently Amended) The dual charge transport layer of claim 1, wherein the thickness ratio of the top layer to the bottom layer is from about 10:1 to about 1:1.

8. (Currently Amended) A photoconductive imaging member comprising an electrically conductive substrate, a charge generation layer, and a dual charge transport layer having a top layer and a bottom layer, ~~wherein the top layer and the bottom layer comprise a charge transport compound in a resin and the top layer further comprises an oxidative inhibitor.~~

wherein the top layer and the bottom layer are adjacent to each other;

wherein the bottom layer is adjacent to the charge generation layer;

wherein the bottom layer comprises a first charge transport compound and a resin binder; and

wherein the top layer comprises a second charge transport compound, said resin binder, and an oxidative inhibitor, wherein the oxidative inhibitor is pentaerythritol tetrakis[3,5-di-tert-butyl-4-hydroxyhydrocinnamate].

9. (Currently Amended) The photoconductive imaging member of claim 8, wherein the first charge transport compound and the second charge transport compound are each is an aromatic amine.

10. (Cancelled).

11. (Currently Amended) The photoconductive imaging member of claim 8, wherein the thickness ~~ratio~~ ratio of the dual charge transport layer to the charge generation layer is from about 50:1 to about 100:1.

12. (Original) The photoconductive imaging member of claim 8, wherein the thickness ratio of the top layer to the bottom layer is from about 10:1 to about 1:1.

13. (Currently Amended) A process for the fabrication of a photoconductive imaging member comprising the steps of:

providing a substrate with a charge generation layer having an exposed surface; and

depositing on the exposed surface of the charge generation layer a dual charge transport layer comprising a top layer and a bottom layer, by applying a first coating solution comprising a first charge transport compound and a resin binder to the exposed surface to form the bottom layer, and applying a ~~first~~ second coating solution comprising ~~an oxidative inhibitor~~ pentaerythritol tetrakis[3,5-di-tert-butyl-4-hydroxyhydrocinnamate], a second charge transport compound and a said resin binder to the exposed surface of the bottom layer to form the top layer of the dual charge transport layer.

14. (Currently Amended) The process of claim 13, wherein the first charge transport compound and the second charge transport compound are each is an aromatic amine.

15. (Cancelled).

16. (Currently Amended) The process of claim 13, wherein the thickness ~~ratio~~ ratio of the dual charge transport layer to the charge generation layer is from about 50:1 to about 100:1.

17. (Original) The process of claim 13, wherein the thickness ratio of the top layer to the bottom layer is from about 10:1 to about 1:1.

18. (Cancelled).

19. (New) The photoconductive imaging member of claim 8, wherein the first charge transport compound and the second charge transport compound are the same aromatic amine.

20. (New) The process of claim 13, wherein the first charge transport compound and the second charge transport compound are the same aromatic amine.